



LEROY D. BACA, SHERIFF

**County of Los Angeles**  
**Sheriff's Department Headquarters**  
**4700 Ramona Boulevard**  
**Monterey Park, California 91754-2169**



May 1, 2012

The Honorable Board of Supervisors  
County of Los Angeles  
383 Kenneth Hahn Hall of Administration  
Los Angeles, California 90012

Dear Supervisors:

**REQUEST TO AUTHORIZE THE PURCHASING AGENT TO PROCEED WITH THE  
ACQUISITION PROCESS OF A VIDEO STORAGE SYSTEM, INSTALLATION  
SERVICES, AND EXTENDED SUPPORT SERVICES  
(ALL DISTRICTS) (3 VOTES)**

**CIO RECOMMENDATION: APPROVE ( X ) APPROVE WITH MODIFICATION ( )  
DISAPPROVE ( )**

**SUBJECT**

Request approval to acquire a Video Storage System (System) and services with a system cost greater than \$250,000 to support the Closed Circuit Television (CCTV) project needs of the Los Angeles County Sheriff's Department (Department).

**IT IS RECOMMENDED THAT YOUR BOARD:**

Authorize the Internal Services Department (ISD), as the Purchasing Agent for the County of Los Angeles (County), to proceed with the acquisition of materials and services for the System, in an amount approximating \$1,728,000 for Fiscal Year 2011-12 and to proceed with the acquisition of materials and services for the System to provide additional video storage for the Department's custodial facilities for future fiscal years.

*A Tradition of Service*

### **PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION**

In August of 2006, the Board approved a plan for jail security enhancements which included CCTV cameras at Men's Central Jail (MCJ). The existing storage systems are insufficient in terms of providing the Department with the ability to store video from several hundred cameras at 720p resolution / 10 frames per second for anything longer than a few months. By Summer 2012, the Department's existing storage system will have reached its capacity which will ultimately result in older video being replaced with current video.

The purpose of this recommended action is to obtain Board approval to authorize the County's Purchasing Agent to proceed with the acquisition of a System to archive the videos from more than 1,500 cameras that are currently being installed throughout MCJ and the Twin Towers Correctional Facility (TTCF). The System will allow the Department to store video from the cameras, acquire the necessary installation, and provides five years of extended support services. The System includes Redundant Array of Independent Discs controllers, storage enclosures, hundreds of hard drives, high performance switch gear, racks, and cables. The System will meet the Department's current video storage needs and allows for future needs.

### **Implementation of Strategic Plan Goals**

The material and services provided under this acquisition support the County's Strategic Plan, Goal 1, Operational Effectiveness, enabling the Department to meet the necessary CCTV storage capacity requirements.

### **FISCAL IMPACT/FINANCING**

The estimated cost of the initial System, including labor and materials, is \$1,728,000. Funding has been allocated by your Board to the Department's general fund operating budget as part of the CCTV project in the jails.

### **FACTS AND PROVISIONS/LEGAL REQUIREMENTS**

Pursuant to Board policy adopted on October 16, 2001, any equipment with a unit cost or a Fixed Asset system with an aggregate total cost of \$250,000 or greater requires Board approval. The acquisition cost of the system will exceed \$250,000. Therefore, Board approval is required for the Purchasing Agent to proceed with this acquisition.

The Chief Information Officer (CIO) recommends approval of this Acquisition (CIO Analysis attached).

**CONTRACTING PROCESS**

Upon Board Approval, the purchase will be requisitioned through and accomplished by the Purchasing Agent in accordance with the County's Purchasing Policies and Procedures.

**IMPACT ON CURRENT SERVICES (OR PROJECTS)**

Approval of this action will provide the Department with the ability to acquire hardware with supported maintenance to record and provide reliable and accessible archived high quality video which may be used as evidence in judicial proceedings.

**CONCLUSION**

Upon Board approval, please return two adopted copies of the Board letter to the Department's Administrative Services Division, Facilities Services Bureau.

Sincerely,



LEROY D. BACA  
SHERIFF

Reviewed by:



RICHARD SANCHEZ  
CHIEF INFORMATION OFFICER



RICHARD SANCHEZ  
CHIEF INFORMATION OFFICER

Office of the CIO  
**CIO Analysis**

NUMBER:

**CA 12-06**

DATE:

**4/17/2012**

**SUBJECT:**

**Request to Authorize the Purchasing Agent to Proceed With the Acquisition of a Video Storage System, Installation Services, and Extended Support Services**

**RECOMMENDATION:**

☒ Approve

☐ Approve with modification

☐ Disapprove

**CONTRACT TYPE:**

☐ New contract

☐ Sole Source

☐ Amendment to Contract #:

☒ Other: Delegated Authority

**CONTRACT COMPONENTS:**

☐ Software

☒ Hardware

☐ Telecommunications

☒ Professional Services

**SUMMARY:**

Department executive sponsor: David Betkey, Chief, Technical Services Division

Description: Authorization for Purchasing Agent to award a purchase order for video storage equipment to support custody operations.

Contract amount: est. \$1,728,000

Funding source: Sheriff's FY 2011-12 Budget

☐ Legislative or regulatory mandate

☐ Subvened/Grant funded:

**Strategic and  
business analysis**

**PROJECT GOALS AND OBJECTIVES:**

Authorize the Internal Services Department (ISD), the Purchasing Agent, to award a purchase order from an open solicitation for additional video storage hardware, installation services, and five-year maintenance to support the deployment of 1,500 close circuit cameras at Men's Central Jail (MCJ) and Twin Towers Correctional Facility (TTCF).

**BUSINESS DRIVERS:**

When fully deployed the additional video storage will allow the Sheriff's Department to store up to 24 months of video captured at MCJ and TTCF.

**PROJECT ORGANIZATION:**


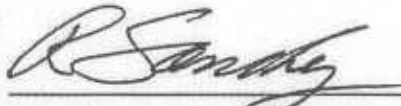
This project will be led by a dedicated project manager from Data Systems Bureau who is managing the deployment of video cameras at custody facilities.



	<p><b>PERFORMANCE METRICS:</b></p> <p>Storage utilization and capacity planning will be monitored using DVTel software, the Sheriff's existing video management solution.</p>
	<p><b>STRATEGIC AND BUSINESS ALIGNMENT:</b></p> <p>This project aligns with the County's Public Safety goal to ensure that committed efforts of the public safety partners continue to maintain and improve to the highest level of safety and security standards to the people of Los Angeles County.</p>
	<p><b>PROJECT APPROACH:</b></p> <p>The Sheriff's CCTV Video Project is a multiphase project with the first phase limited to video deployment in MCJ and TTCF. Subsequent phases have not been finalized at this time.</p>
	<p><b>ALTERNATIVES ANALYZED:</b></p> <p>The specifications for the video storage are not limited to specific vendor technologies and are consistent with industry standards for video storage.</p>
<b><i>Technical analysis</i></b>	<p><b>ANALYSIS OF PROPOSED IT SOLUTION:</b></p> <p>The proposed video storage solution is a component of the Sheriff's CCTV DVTel Video architecture that can be expanded, if needed, to support the storage of recorded video beyond the initial phase. The specifications of the proposed video storage solution include 2.5 petabytes of data recording capacity at a minimum 720p resolution at 10 frames per second. The proposed turnkey video storage solution can also be expanded to accommodate future phases of video deployment, as needed.</p>

Request to Authorize the Purchasing Agent to Proceed With the Acquisition of a Video Storage System, Installation Services, and Extended Support Services

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<b>Financial analysis</b>	<p><b>BUDGET:</b></p> <p>Contract costs</p> <p>One-time costs:</p> <p>Hardware ..... \$ 1,286,000</p> <p>Services ..... \$ 27,000</p> <p>Ongoing annual costs:</p> <p>Services ..... \$ 415,000 (83,000/year for five years)</p> <p><b>Sub-total Contract Costs: \$ 1,728,000</b></p> <p>There are no additional one-time or ongoing County costs.</p> <p><b>Total one-time costs: \$ 1,313,000</b></p> <p><b>Total ongoing annual costs: \$ 415,000</b></p> <p>Note: Estimated costs are provided at this time pending results from Request for Bids. The Chief Executive Officer is evaluating the Sheriff's request for 4 additional positions (S&amp;EB of \$516,000) to support the full deployment of video cameras to all custody facilities in their Fiscal Year (FY) 2012-2013 Budget.</p>
<b>Risk analysis</b>	<p><b>RISK MITIGATION:</b></p> <ol style="list-style-type: none"><li>1. The specifications of the video storage solution were developed to ensure interoperability with the Sheriff's DVTel Video architecture.</li><li>2. Five-year maintenance and support services are included to ensure continuity and support for the video storage solution.</li><li>3. The CISO has reviewed the Contract and did not identify any security risks or issues.</li></ol>
<b>CIO Approval</b>	<p><b>PREPARED BY:</b> </p> <p>_____ Peter Loo, Sr. Associate CIO</p> <p><b>APPROVED:</b> </p> <p>_____ Richard Sanchez, County CIO</p> <p><b>Date</b> <u>4/18/12</u></p> <p><b>Date</b> <u>4-18-12</u></p>

Please contact the Office of the CIO (213.253.5600 or [info@cio.lacounty.gov](mailto:info@cio.lacounty.gov)) for questions concerning this CIO Analysis. This document is also available online at <http://ciointranet.lacounty.gov/>